Rec'd PCT/PTO 0 J JUN 2005

## **REQUEST**

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

PCT/EPO3 / 13807

2 5 NOV 2003

International Filing Date

**EUROPEAN PATENT OFFICE** PCT INTERNATIONAL APPLICATION
Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference

	(ij desired) (12 charac	ters maximum) PE 0005 PGU	
Box No. I TITLE OF INVENTION			
Catalyst components for the polymerization of olefins			
Box No. II APPLICANT This person	n is also inventor		
Name and address: (Family name followed by given name; for a legal entity, full official designation.  The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)			
Basell Poliolefine Italia S.p.A.	PO - DG 1	Facsimile No.	
Via Pergolesi, 25 20124 Milano	5, 11, 2003	Teleprinter No.	
Italy	_	Applicant's registration No. with the Office	
	107)		
State (that is, country) of nationality:	State (that is, countr)	) of residence:	
This person is applicant for the purposes of:  all designated the United States  all designated the United States	d States except tates of America	the United States of America only the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)		
Name, and address: (Family name followed by given name; for a legal ent. The address must include postal code and name of country. The country of it Box is the applicant's State (that is, country) of residence if no State of residence Via Mulinetto 63 44100 Ferrara Italy	he address indicated in this	This person is:  applicant only  applicant and inventor inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country)	) of residence:	
This person is applicant all designated all designated for the purposes of:	d States except ates of America	the United States of America only the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated or	n a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE	OR ADDRESS FOR	R CORRESPONDENCE	
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	on behalf as:	agent common representative	
Name and address: (Family name followed by given name; for a legal enti- The address must include postal code and name of ca	ry, full official designation. nuntry.)	Telephone No. (+39-0532)467652	
COLUCCI, Giuseppe	Facsimile No.		
Basell Poliolefine Italia S.p.A.	(+39-0532)467675		
Intellectual Property	Teleprinter No.		
P.le G. Donegani 12	receptance 140.		
44100 Ferrara		Agent's registration No. with the Office	
Italy		The standard of the standard o	
Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.			

Sheet No. ...2...

		<del></del>		
The address must include postal code and name of country. The country of the address indicated in this bas in the applicant's South that, country) of residence if no State of residence is undicated below.)    Val XIA prile 1945, 3	1			
State (that is, country) of nationality:    This person is applicant   all designated   state scacest   the United States of America only of America only   the States indicated in the Designation   the United States of America only of the States indicated in this bas in the applicant's State (that is, country) of the address indicated in this part of the United States of America only of this check-box is marked, do not fill in below.)  MORINI, Giampiero  Via Giotto 36  35 100 - Padova  Italy  State (that is, country) of nationality:    This person is applicant and inventor   inventor only (if this check-box is marked, do not fill in below)  Applicant's registration No. with the Office   the United States of America only (if this check-box is marked, do not fill in below)  VITALE, Gianni   Via Fully name followed by given name: for a legal entity, full difficult deslignation. The address must include postal code and name of country. The country of the address indicated in this part in the United States of America only (if this check-box is marked, do not fill in below)  VITALE, Gianni   Via Fully name followed by given name: for a legal entity, full difficult deslignation   applicant and inventor   inventor only (if this check-box is marked, do not fill in below)  Applicant's registration No. with the Office   Italy   applicant is not country of the address indicated in this part   applicant   all designated   all designa	The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  COLLINA, Gianni  Via XXI Aprile 1945, 3  loc. Cassana  44044 Ferrara	applicant only  applicant and inventor inventor only (If this check-box is marked, do not fill in below.)		
This person is applicant   all designated   all designated States of America only   the United States of America only   the Supplemental Box    Name and address (Family name followed by given name: for a legal entity, full efficial designation. The address must include postal code and name of country. The examps of the designated below.)  MORINI, Giampiero   State (that is, country) of nationality:   This person is applicant   all designated States except   the United States indicated below.)  State (that is, country) of nationality:   This person is applicant   all designated   all designated States except   the United States   applicant only   This person is:   the United States   applicant   applicant		·		
This person is applicant and inventor   This person is applicant   This person is   This per	IT IT	y of residence.		
This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant  State (that is, country) of nationality:  This person is applicant only if the definition of America only  Applicant's registration No. with the Office  State (that is, country) of nationality:  The address must include postolecule on the only of the address indicated in this is marked, do not fill in below.)  Applicant and inventor  inventor only (if this check-box is marked, do not fill in below.)  Applicant and inventor  inventor only (if this check-box is marked, do not fill in below.)  Applicant and inventor  inventor only (if this check-box is marked, do not fill in below.)  Applicant and inventor  inventor only (if this check-box is marked, do not fill in below.)  Applicant and inventor  inventor only (if this check-box is marked, do not fill in below.)  Applicant and inventor	for the purposes of: States the United States of America			
This person is applicant for the purposes of:	The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  MORINI, Giampiero  Via Giotto 36  35100 - Padova	applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)		
This person is applicant for the purposes of:  States   the United States of America   States   the United States of America only   the States indicated in this person is:    Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated below.)    VITALE, Gianni   Via Fullvio Testi 22   the full tally   The state of residence is indicated below.)   Applicant's street (that is, country) of nationality:   This person is applicant   all designated   all designated   states of America   the United States of America   the States indicated in this Box is the applicant 's State (that is, country) of residence:   This person is applicant   states   the United States indicated in this Box is the applicant 's State (that is, country) of residence:   This person is applicant   states   the United States indicated in this Box is the applicant 's State (that is, country) of residence is indicated below.)    State (that is, country) of nationality:   State (that is, country) of residence:   This person is applicant and inventor   inventor only (if this check-box is marked, do not fill in below.)   Applicant's registration No. with the Office   State (that is, country) of residence:   This person is applicant and inventor   inventor only (if this check-box is marked, do not fill in below.)   Applicant's registration No. with the Office   State (that is, country) of nationality:   State (that is, country) of residence:   the United States of America   the United States indicated in the Supplemental Box   the States indicated in the Supplemental Box   the States indicated in the Supplemental Box   the United States of America   the United States indicated in the Supplemental Box   the United States of America   the United States indicated in the Supplemental Box   the United States of America   the United States indicated in the Supplemental Box   the United States   the United States   the Unit	·- · · · · · · · · · · · · · · · · · ·	of residence:		
The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence is indicated below.)  VITALE, Gianni Via Fulvio Testi 22  44100 Ferrara Italy  State (that is, country) of nationality:  IT  This person is applicant for the purposes of:  All designated States and address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence:  This person is applicant  The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence is indicated below.)  State (that is, country) of nationality:  This person is applicant and inventor  applicant only  applicant only  This person is:  Applicant only  Applicant only  Applicant only  Applicant only  Applicant only  This person is:  Applicant only  Applicant o				
This person is applicant for the purposes of:    States	The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  VITALE, Gianni  Via Fulvio Testi 22  44100 Ferrara	applicant only  applicant and inventor inventor only (If this check-box is marked, do not fill in below.)		
Name and address: (Family name followed by given name; for a legal entity, full official designation.  The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  State (that is, country) of nationality:  State (that is, country) of nationality:  State (that is, country) of residence:  This person is applicant  Applicant's registration No. with the Office  This person is applicant  all designated States except the United States of America only the States indicated in the Supplemental Box	, ,	of residence:		
The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)    applicant and inventor   inventor only (If this check-box is marked, do not fill in below.)   Applicant's registration No. with the Office     State (that is, country) of nationality:   State (that is, country) of residence:     This person is applicant   all designated   all designated States except   the United States of America only   the States indicated in the Supplemental Box	for the numbers of	A Diamo indicated in		
This person is applicant for the purposes of:  all designated States except the United States of America only the States indicated in the Supplemental Box	The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)		
for the purposes of: States the United States of America of America only the Supplemental Box	State (that is, country) of nationality:  State (that is, country) of	of residence:		
Further applicants and/or (further) inventors are indicated on another continuation sheet.	Constitution     Constant			

Sheet No. ...3...

Box	No.	V DESIGNATION OF STATES	Mark the applicable check-boxes below; at least one must be marked.
	£- !!	union deniamentiame and barehy made y	nder Rule 4 9(a):
		owing designations are hereby made u	inet true astal).
Re	giona	al Patent	Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan,
	AP	ARIPO Patent: GH Ghana, GM	United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other
		State which is a Contracting State of	f the Harare Protocol and of the PCT (if other kind of protection or treatment desired,
		specify on dotted line)	
	EA	Eurasian Patent: AM Armenia, AZ	Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova,
		RU Russian Federation, TJ Tajikista Patent Convention and of the PCT	in, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian
	E1 F3	Function Potentia AT Austria DE	Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech
	EP	Penublic DF Germany DK Denma	rk EF Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece,
		IF Ireland IT Italy I.I Luxembour	g. MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia,
_		TR Turkey, and any other State which	h is a Contracting State of the European Patent Convention and of the PCT
X	OA	OAPI Patent: BF Burkina Faso, B	J Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, orial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal,
		TD Ched TG Topo and any other S	tate which is a member State of OAPI and a Contracting State of the PCT (if other kind
		of protection or treatment desired, sp	ecify on dotted line)
Na	tion	• •	or treatment desired, specify on dotted line):
148	AF	Thitad Arch Emirates	M GM Gambia NZ New Zealand
828	A.C.	Antima and Rathuda	X HR Croatia M OM Oman
X	AL	Albania	HU Hungary PH Philippines
×	AM	Armenia	ID Indonesia PL Poland
	ΑT	Austria	IL Israel PT Portugal IN India RO Romania
	AU A7	Australia	IS Iceland RU Russian Federation
	BA	Rosnia and Herzegovina	JP Japan
100	RR	Ramados	KE Kenya
	BG	Bulgaria	KG Kyrgyzstan
			KP Democratic People's Republic SE Sweden of Korea
K	BY D7	Belarus	KR Republic of Korea SK Slovakia
		Canada	KZ Kazakhstan
100	CH	& LI Switzerland and Liechtenstein	LC Saint Lucia TJ Tajikistan
		China	
	CO	Colombia	LR Liberia LS Lesotho
	CR	Cuba	LT Lithuania TT Trinidad and Tobago
100	CZ	Czech Republic	LU Luxembourg
	DE	Germany	LV Latvia TZ United Republic of Tanzania
	DK	Denmark	MA Morocco
			MD Republic of Moldova
100	DZ	Algeria	MG Madagascar
	EE	Estonia	MK The former Yugoslav Republic of UZ Uzbekistan
×		Spain	Macedonia VC Saint Vincent and the Grenadines
120	FI	Finland	MN Mongolia No Viet Nam
		Ottitee imigerin	MWMalawi
	GD	Grenada	MX Mexico
	GE		MZ Mozambique
🖼			<b>2</b> 110 1101112)
Ch	eck-	boxes below reserved for designating	States which have become party to the PCT after issuance of this sheet:
			· · · · · · · · · · · · · · · · · · ·
Pr	ecau	tionary Designation Statement: In	addition to the designations made above, the applicant also makes under Rule 4.9(b) all under the PCT except any designation(s) indicated in the Supplemental Box as being
ر معرا	hide	d from the scope of this statement. The	applicant declares that those additional designations are subject to confirmation and that
l an	v dec	ignation which is not confirmed befor	the expiration of 15 months from the priority date is to be regarded as withdrawn by the
an	nlica	nt at the expiration of that time limit.	Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Sheet No. ...4.

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Box No. VI PRIORITY	CLAIM			
The priority of the following	g earlier application(s) is here	by claimed:		
Filing date	Number	V	Where earlier application	is:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 18 December 2002 (18/12/02)	02080616.2		EP	
item (2) 20 December 2002 ( 20/12/02 )	60/435195	us		
item (3)				
item (4)				
item (5)				
Further priority claims	are indicated in the Suppleme	ental Box.		
The receiving Office is required the earlier application was above as:	ested to prepare and transmit filed with the Office which for	to the International Bureau the purposes of this interna-	a a certified copy of the entional application is the r	eceiving Office) identified
all items item	(1) item (2)	item (3) item	(4)	other, see Supplemental Box
* Where the earlier applicati Industrial Property or one M	on is an ARIPO application, i lember of the World Trade O	ndicate at least one country rganization for which that e	party to the Paris Conve Parlier application was fil	ntion for the Protection of led (Rule 4.10(b)(ii)):
Box No. VII INTERNAT	TIONAL SEARCHING AU	THORITY		·
Choice of International Se	arching Authority (ISA) (if	two or more International S	Searching Authorities are	competent to carry out the
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):  ISA / EP				
	Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the			
International Searching Auth Date (day/month/year)			try (or regional Office)	
			and the second of the second	
Box No. VIII DECLARATIONS				
	are contained in Boxes Nos. ate in the right column the num			Number of declarations
Box No. VIII (i)	Declaration as to the identity	ty of the inventor		:
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :				:
Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :				:
Box No. VIII (iv)  Declaration of inventorship (only for the purposes of the designation of the United States of America):  1				; 1
Box No. VIII (v)	Declaration as to non-preju	udicial disclosures or excep	otions to lack of novelty	:

## Sheet No. ....

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v)
(in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

## Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.
This declaration is directed to the international application of which it forms a part (if filing declaration with application).
This declaration is directed to international application No. PCT/

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: EP 02080616.2 . US 60/435195.....

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: BRITA Diego	
Residence: Ferrara, Italy ITX	
(city and either US state, if applicable, or country)	
Mailing Address: Via Mulinetto 63	
44100 - Ferrara - Italy	
Citizenship: Italian	
Inventor's Signature:  (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date:
Name: COLLINA, Gianni	
Residence: loc. Cassana, Ferrara, Italy IX (city and either US state, if applicable, or country)	
Mailing Address: Via XXI Aprile 1945, 3	
Citizenship:	
Inventor's Signature:  (if not contained in the request, or if declaration is corrected or added under Pule 26 for after the filing of the international	Date:

filing of the international application)

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

application. The signature must be that of the inventor, not that of

the agent)

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Sheet No. ... 6

	Continuation of Box No. VIII (i) to (v) DECLARATION  If the space is insufficient in any of Boxes Nos. VIII (i) to (v) to furnish all the information, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII" (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet			
	Continuation of Box No	VIII (iv)		
-W	NAME: RESIDENCE: MAILING ADDRESS: CITIZENSHIP:	MORINI, Giampiero Padova, Italy ITV Via Giotto 36 - 35100 F Italian	Padova - Italy	
	Inventor's Signature:		_ Date:	
- <i>0</i> 0	NAME: RESIDENCE: MAILING ADDRESS: CITIZENSHIP:	VITALE, Gianni Ferrara, Italy TY Via Fulvio Testi 22 - 44 Italian	4100 Ferrara - Italy	
	Inventor's Signature:		Date:	
	·			
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Sheet No. ......

Box No. IX CHECK LIST; LANGUAGE	OF FILING		
This international application contains: (a) in paper form, the following number of sheets:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items	
request (including	1. A fee calculation sheet	: 1	
declaration sheets) : 7	2.  original separate power of attorney	:	
description (excluding sequence listings and/or	3. original general power of attorney	:	
tables related thereto) :	4. Copy of general power of attorney; reference number, if any: .GA.46353	: 1	
claims : 2	5.  statement explaining lack of signature	:	
drawings :	6. Driority document(s) identified in Box No. VI as	•	
Sub-total number of sheets: 37	item(s):  7. translation of international application into (language):	: 2	
tables related thereto :  (for both, actual number of	8. separate indications concerning deposited microorganism or other biological material		
sheets if filed in paper form, whether or not also filed in	9. sequence listings in computer readable form (indicate type and number of carriers)	•	
computer readable form; see (c) below)	(i) copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	:	
Total number of sheets : 37  (b) □ only in computer readable form	(ii) (iii) (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the		
(Section 801(a)(i)) (i) ☐ sequence listings	purposes of international search under Rule 13ter  (iii) together with relevant statement as to the identity of the copy or	•	
(ii) ☐ tables related thereto (c) ☐ also in computer readable form	copies with the sequence listings mentioned in left column  10.   tables in computer readable form related to sequence listings	:	
(Section 80 f(a)(ii)) (i) ☐ sequence listings	(indicate type and number of carriers)  (i) □ copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international		
(ii) tables related thereto	application)	:	
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	<ul> <li>(ii) (only where check-box (b)(ii) or (c)(ii) is marked in left column)         additional copies including, where applicable, the copy for the         purposes of international search under Section 802(b-quater)</li> </ul>	:	
sequence listings:	(iii) together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column	•	
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)	11.  other (specify):	:	
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: English		
Box No. X SIGNATURE OF APPLICAN	T, AGENT OR COMMON REPRESENTATIVE ning and the capacity in which the person signs (if such capacity is not obvious from reading the		
text to each signature, truncing the name of the person sign	uing and the capacity in whice-tige person signs (if such capacity is not obvious from reading the	request).	
Je out & frant frant			
BRITA, Diego COLLINA, Glanni MORINI, Giampiero WITALE Cianni			
	v v	=	
	COLUCI, Giuser	ре	
	For receiving Office use only		
Date of actual receipt of the purported international application:	2 5, 11, 03 \ 2 5 NOV 2003	s:	
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:			
4. Date of timely receipt of the required corrections under PCT Article 11(2):			
5. International Searching Authority (if two or more are competent): ISA /  6. Transmittal of search copy delayed until search fee is paid			
For International Bureau use only			
Date of receipt of the record copy by the International Bureau:			